

Amendments to the Claims:

The following listing of claims will replace all prior versions and/or listings of claims in the application:

Listing of Claims:

1. (previously presented) A method performed in a Financial Service Organization (FSO) computer system, the method comprising:
 - building a first key value from one or more data element values stored in a first memory in the FSO computer system;
 - comparing the first key value to one or more key values stored in a second memory, wherein the second memory comprises one or more database identifier values each corresponding to a respective key value of the one or more key values;
 - writing into a third memory a first database identifier value of the one or more database identifier values stored in the second memory in response to finding a match between the first key value and one of the one or more key values stored in the second memory; and
 - accessing a first database in response to writing the first database identifier value into the third memory;
 - wherein the one or more key values and the one or more database identifier values stored in the second memory are entered by a user of the FSO computer system during a configuration of the FSO computer system.
2. (previously presented) The method of claim 1, wherein the FSO computer system comprises a plurality of databases, wherein the plurality of databases includes the first database, wherein each of the plurality of databases corresponds to a respective database identifier value, wherein one of the plurality of databases is an active database, wherein an active database

identifier value corresponding to the active database is stored in a fourth memory, wherein the accessing the first database in response to writing the first database identifier value into the third memory comprises:

comparing the first database identifier value in the third memory to the active database identifier value in the fourth memory; and

setting the active database to the first database in response to the first database identifier value in the third memory not matching the active database identifier value in the fourth memory.

3. (previously presented) The method of claim 2, wherein setting the active database to the first database comprises setting the active database identifier value stored in the fourth memory to the first database identifier value from the third memory.

4. (previously presented) The method of claim 1, wherein the FSO computer system comprises a key definition comprising one or more data elements, wherein the first key value comprises one or more key fields, wherein the building the first key value from one or more data element values in the first memory in the FSO computer system comprises:

reading a first data element value from the first memory, wherein a location of the first data element value in the first memory is defined by a first data element from the key definition; and

storing the first data element value in a first key field in the first key value in response to reading the first data element from the first memory.

5. (previously presented) A carrier medium comprising program instructions, wherein the program instructions are executable by a FSO computer system to implement:

building a first key value from one or more data element values stored in a first memory in the FSO computer system;

comparing the first key value to one or more key values stored in a second memory, wherein the second memory comprises one or more database identifier values each corresponding to a respective key value of the one or more key values;

writing into a third memory a first database identifier value of the one or more database identifier values stored in the second memory in response to finding a match between the first key value and one of the one or more key values stored in the second memory; and

accessing a first database in response to writing the first database identifier value into the third memory;

wherein the one or more key values and the one or more database identifier values stored in the second memory are entered by a user of the FSO computer system during a configuration of the FSO computer system.

6. (previously presented) The carrier medium of claim 5, wherein the FSO computer system comprises a plurality of databases, wherein the plurality of databases includes the first database, wherein each of the plurality of databases corresponds to a respective database identifier value, wherein one of the plurality of databases is an active database, wherein an active database identifier value corresponding to the active database is stored in a fourth memory, wherein the accessing the first database in response to writing the first database identifier value into the third memory comprises:

comparing the first database identifier value in the third memory to the active database identifier value in the fourth memory; and

setting the active database to the first database in response to the first database identifier value in the third memory not matching the active database identifier value in the fourth memory.

7. (previously presented) The carrier medium of claim 5, wherein setting the active database to the first database comprises setting the active database identifier value stored in the fourth memory to the first database identifier value from the third memory.

8. (previously presented) The carrier medium of claim 5, wherein the FSO computer system comprises a key definition comprising one or more data elements, wherein the first key value comprises one or more key fields, wherein the building the first key value from one or more data element values in the first memory in the FSO computer system comprises:

reading a first data element value from the first memory, wherein a location of the first data element value in the first memory is defined by a first data element from the key definition; and

storing the first data element value in a first key field in the first key value in response to reading the first data element from the first memory.

9. (previously presented) The carrier medium of claim 5, wherein the carrier medium is a memory medium.

10. (previously presented) A system for processing FSO transactions, the system comprising:
a computer program;
an FSO computer system;

wherein the computer program is executable on the FSO computer system to execute:

building a first key value from one or more data element values stored in a first memory in the FSO computer system;

comparing the first key value to one or more key values stored in a second memory, wherein the second memory comprises one or more database identifier values each corresponding to a respective key value of the one or more key values;

writing into a third memory a first database identifier value of the one or more database identifier values stored in the second memory in response to finding a match between the first key value and one of the one or more key values stored in the second memory; and

accessing a first database in response to writing the first database identifier value into the third memory;

wherein the one or more key values and the one or more database identifier values stored in the second memory are entered by a user of the FSO computer system during a configuration of the FSO computer system.

11. (currently amended) The system method of claim 10, wherein the FSO computer system comprises a plurality of databases, wherein the plurality of databases includes the first database, wherein each of the plurality of databases corresponds to a respective database identifier value, wherein one of the plurality of databases is an active database, wherein an active database identifier value corresponding to the active database is stored in a fourth memory, wherein the accessing the first database in response to writing the first database identifier value into the third memory comprises:

comparing the first database identifier value in the third memory to the active database identifier value in the fourth memory; and

setting the active database to the first database in response to the first database identifier value in the third memory not matching the active database identifier value in the fourth memory.

12. (currently amended) The system method of claim 11, wherein setting the active database to the first database comprises setting the active database identifier value stored in the fourth memory to the first database identifier value from the third memory.

13. (currently amended) The system method of claim 10, wherein the FSO computer system comprises a key definition comprising one or more data elements, wherein the first key value comprises one or more key fields, wherein the building the first key value from one or more data element values in the first memory in the FSO computer system comprises:

reading a first data element value from the first memory, wherein a location of the first data element value in the first memory is defined by a first data element from the key definition; and

storing the first data element value in a first key field in the first key value in response to reading the first data element from the first memory.

14. (new) The method of claim 1, wherein configuration of the FSO computer system occurs during initial set up of the FSO computer system for processing software transactions.

15. (new) The method of claim 1, wherein configuration of the FSO computer system occurs during reconfiguration of the FSO computer system.

16. (new) The method of claim 1, wherein the database identifier is used to point to a physical data storage location in the FSO database.